

PATENT ABSTRACTS OF JAPAN

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(54) LIP COAT

(57)Abstract:

PURPOSE: To provide a lip coat capable of preventing the falling of an ordinary rouge painted on a lip by coating the lip coat on the rouge, namely, capable of improving the life of the painted rouge, not sticky, easily not removed, and not irritating the lip.

CONSTITUTION: The lip coat is characterized by compounding 10-80wt.% of an alkylsiloxysilicate component of solid silicone having a structure of $(R_3 Si)_2 O \cdot n SiO_2$ [R. is alkyl; alkyl is methyl (CH_3) and/or ethyl ($C_2 H_5$; (n) is 1-5] and 20-90wt.% of a low viscous silicone oil component having a viscosity of ≤ 10 cs (at $25^\circ C$).

LEGAL STATUS

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1. This document has been translated by computer. So the translation may not reflect the original precisely.
2. **** shows the word which can not be translated.
3. In the drawings, any words are not translated.

DETAILED DESCRIPTION

[Detailed Description of the Invention]

[0001]

[Industrial Application] Carry out application use of a solid alkyl siloxy silicate and the charge of makeup which viscosity made contain combining the hypoviscosity silicone oil below a specific value on the usual lip stick in more detail about a lip coat, and prevent lip stick omission, namely, it is made to excel in makeup rice cake, and this invention takes stickiness, and the removal after makeup is still easier for it, and it relates to the lip coat which does not give a stimulus to a lip.

[0002]

[Description of the Prior Art] Application use is carried out on a lip stick, and a lip coat or a lip sealer prevents lip stick omission, namely, makeup rice cake is made to improve. Conventionally, the lip coat mainly consists of a coat formation agent, a solvent, and a coat regulator, and 3 [a resin type, a wax type, and latex type] types are known.

[0003] (1) A resin type is oil meltable [a solvent] to solvents, such as animal and vegetable oils, such as polyhydric alcohol and/or a mink oil meltable [organic solvents, such as ethanol and isopropyl alcohol, resins meltable / a coat formation agent / to solvents, such as a shellac, rosin, and a rosin ester, and a coat regulator] to solvents, such as a glycerol and a propylene glycol, a castor bean oil, and an ABOKABO oil, or synthetic ester.

[0004] (2) A wax type is low-boiling-point isoparaffin, waxes meltable [a coat formation agent] to solvents, such as a ceresin, carnauba wax, and a micro crystalline wax, and oil meltable [a coat regulator] to the solvent of **** straight mineral oil, such as squalane, lanolin, a jojoba oil, and vaseline, or synthetic ester to a solvent.

[0005] (3) A latex type has the well-known component prescribed by ***** (cosmetics raw material criteria), such as polyhydric alcohol meltable to solvents, such as a glycerol and a propylene glycol, ***** (component specification outside cosmetics raw material criteria), etc. to latexes, such as an ethyl-acrylate ethyl-methacrylate copolymer, an acrylic-acid octyl styrene copolymerization body, and a methyl-methacrylate butyl-acrylate acrylic-acid octyl copolymerization body, or emulsion latexes, and a coat regulator, and is used for them by the solvent at water and the coat formation agent.

[0006]

[Problem(s) to be Solved by the Invention] These well-known lip coats prevent lip stick omission, i.e., however, it is inferior to the effect of makeup rice cake, or Give a stimulus to a lip or [promoting stickiness] [that the removal after makeup is difficult] Carried out application use not the thing whose satisfaction is fully possible but on the lip stick, prevented lip stick omission, i.e., it was made to have exfoliated during makeup, or to excel in makeup rice cake, and stickiness was taken, the removal after makeup was still easier and development of the lip coat which does not give a stimulus to a lip was desired.

[0007]

[Means for Solving the Problem] An example is taken in the actual condition. this invention persons However, the result of wholeheartedly research, By making the synthetic ester which a part or all of a

coat formation agent of a lip coat is made to contain combining a hypoviscosity silicone oil in some or all of an alkyl siloxy silicate and a solvent, and dissolves in a coat regulator at a hypoviscosity silicone oil contain Or by making a part or all of a coat formation agent contain combining a hypoviscosity silicone oil in some or all of an alkyl siloxy silicate and a solvent Carried out application use on the lip stick, prevented lip stick omission, i.e., it was made to excel in makeup rice cake, and stickiness was taken, and the removal after makeup was still easier, and it found out that the lip coat which does not give a stimulus to a lip was obtained, and resulted in this invention. The lip coat of a solid alkyl siloxy silicate and the combination of a hypoviscosity silicone oil is not known conventionally. (a) That is, this invention reaches (b).

(a) Offer the lip coat characterized by solid alkyl siloxy silicate (b) viscosity containing the hypoviscosity silicone oil below 10cs(es) (25degreeC).

[0008] Under a room temperature, the alkyl group of R- consists of a methyl group (CH₃-) and/or an ethyl group (C₂H₅-) by trialkyl siloxy silicate (R₃Si) 2 O-nSiO₂ by the fine particles or the massive at a solid state with the usually almost white alkyl siloxy silicate of (a) used for this invention, and n is 1-5. As for n, the viscosity of (b) is [the hypoviscosity silicone oil of n below 10cs(es) (25degreeC)] the chain-like polymerization object of 1-12 at Methyopolysiloxane [(CH₃)₂SiO] n in annular polymerization object [of 3-6], and/or methyopolysiloxane (CH₃)₃SiO-[(CH₃)₂SiO] n-OSi (CH₃)₃. [0009] It is preferably blended 30 to 60% of the weight still more preferably ten to 80% of the weight during [all] composition, and an alkyl siloxy silicate is a book at less than 10 % of the weight. The hypoviscosity silicone oil of 10 or less cses is preferably blended 40 to 70% of the weight still more preferably 20 to 90% of the weight during [all] composition, viscosity loses fluidity at less than 20 % of the weight, the usability as cosmetics is spoiled, if 90 % of the weight is exceeded, combination of a coat formation agent component will decrease, and it is a book. The viscosity other than the hypoviscosity silicone oil below 10cs(es) (25degreeC) the lip coat of this invention The silicone oil more than 10cs(es) (25degreeC), [the solid alkyl siloxy silicate and solid viscosity which are an indispensable component] Components, such as a low, may be contained, and the component allowed use can be suitably chosen as the component or cosmetics prescribed by ******, such as a certified color, synthetic ester, fats and oils, a cosmetics component, perfume, an antioxidant, antiseptics, and an ultraviolet ray absorbent, ******, etc., and can be blended with them.

[0010]

[Example] Next, although an example is given and this invention is explained, this invention is not limited to the shape of ** of these examples, and viscosity.

Example 1 Component name (% of the weight) . This invention article 1 (1) Trimethylsiloxy silicate 45.0 (2) Decamethyl cyclopentasiloxane (4.0cs) 52.0 (3) Iso nonoic-acid tridecyl 3.0 (4) Red No. 225 Minute amount Sum total 100.0 (process)

The mixed dissolution of a. (1) is carried out (2).

The mixed dissolution of b. (4) is carried out (3).

c. Add b to a, carry out stirring mixture, and make it uniform.

d. Fill up a container with c.

[0011] Example 2 Component name (% of the weight) This invention article 2(1) trimethylsiloxy silicate 30.0(2) octamethyl cyclo HEPUTA siloxane (2.3cs) 35.0 (3) methyopolysiloxanes (2.0cs) 35.0 Sum total 100.0 (process)

a. Stirring mixture is carried out and the uniform dissolution of (1) - (3) is carried out.

b. Fill up a container with a.

[0012]

[Related Example(s)]

Example 1 of reference Component name (% of the weight) . Comparison article 1 (1) Shellac 12.0 (2) Ethanol 84.0 (3) Propylene glycol 4.0 Sum total 100.0 (process)

The mixed dissolution of a. (1) is carried out (2).

b. Add (3) to a, carry out stirring mixture, and make it uniform.

c. Fill up a container with b.

[0013] Example 2 of reference Component name (% of the weight) . Comparison article 2 (1) The end of polyethylene 10.0 (2) Micro crystalline wax 8.0 (3) Isoparaffin 77.0 (4) Vaseline 5.0 Sum total 100.0 (process)

a.(1) (2) -- (3) and (4) -- warming -- dissolve [and]

b. Fill up a container with a and cool.

[0014] Example 3 of reference Component name (% of the weight) . Comparison article 3 (1) Ethyl-acrylate ethyl methacrylate Copolymer emulsion 60.0 (2) Water 33.0 (3) Glycerol 7.0 Sum total 100.0 (process)

a. (1) is mixed to (2).

b. Add (3) to a, carry out stirring mixture, and make it uniform.

c. Fill up a container with b.

[0015]

[Evaluation] It evaluated by performing the use examination by 20 women about this invention article 1 and 2 obtained in the examples 1 and 2, and the comparison article 1-3 obtained in the examples 1-3 of reference.

(Error criterion)

It is good. Common three points Two points are bad. One point (judgment)

Average mark 2.5 or more points O average mark 1.5 or more - less than 2.5 points -- **

average mark Less than 1.5 points x. [0016]

実施例の評価

評価項目	実施例による	
	本発明品 1	本発明品 2
化粧もちが良い	○	○
べたつきがない	○	○
除去が容易	○	○
刺激がない	○	○

[0017]

参考例の評価

評価項目	参考例による		
	比較品 1	比較品 2	比較品 3
化粧もちが良い	○	△	×
べたつきがない	△	×	×
除去が容易	×	△	△
刺激がない	×	×	△

Consequently, although a stimulus is [that it is hard to remove after application use in the comparison article 1] remarkable on the lip, there is stickiness in the comparison article 2, a stimulus is remarkable on the lip, there is stickiness in the comparison article 3 and makeup rice cake is bad, this invention article is excellent in makeup rice cake, stickiness is taken, the removal after makeup is still easier, and there is no stimulus in a lip.

[0018]

[Effect of the Invention] a lip-stick [like / the above / coat / lip / of this invention] top -- ** -- when you make it ******, prevent lip stick omission, namely, it is made to excel in makeup rice cake, and stickiness is taken, the removal after makeup is still easier, and it is the very useful thing which does not give a stimulus to a lip

[Translation done.]